Atty Docket No.:

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To the Director of the United States Patent and Trademark Office. Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): 1) Ken IGARASHI Name: NTT DoCoMo, Inc. 2) So ISHIDA Address: 11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 3) Harunobu FUKAZAWA 100-6150, Japan Additional name(s) of conveying party(ies) attached?

Yes No 3. Nature of Conveyance: Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name □ Other Execution Date: December 15, 2005 Additional name(s) and address(es) attached?

Yes No 4. Application number(s) or patent number(s): This document is being filed together with a new application A. Patent Application No.(s) B. Patent No.(s) 10/563,751 Additional numbers attached?

Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total applications and patents involved: 1 7. Total fee (37 CFR 3.41): \$40.00 Customer Number Enclosed ☐ Authorized to be charged to deposit account Tel. (703) 413-3000 8. Deposit account number: 15-0030 Fax. (703) 413-2220 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Bradley D. Lytle Name of Person Signing Surinder Sachar Registration Number: 40,073 Registration No. 34,423 Total number of pages including this cover sheet: 3 Do not detach this portion 88/38/2886 JADDO1 90000083 1056375 01 FC:8021 Mail documents to be recorded with required cover sheet information to:

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> PATENT REEL: 018250 FRAME: 0834

Assignment of Application (出願譲渡証)

	私(我々)		WHE	REAS, I (WE)	
NSERT NAMES AND	Ken IGARASHI of	Yokohama-shi, Kanagawa	a, Japan		
RESIDENCE ADDRESS OF	ISHIDA So of Yokosuka-shi, Kanagawa, Japan				
HE INVENTORS	Harunobu FUKAZAWA of Yokohama-shi, Kanagawa, Japan				
発明者の氏名及び住所					
を配入			·		
	は下記における	新しい有用な改良を多	雀	respectively, have invented certain new and	
	明し、			useful improvements in:	
INSERT TITLE OF	COMMUNICATI	ON SYSTEM, MULTIC	CAST-CA	PABLE ROUTER, SOURCE TERMINAL,	
	DESTINATION	TERMINAL AND COM	MUNICATI	ION METHOD	
INVENTION					
発明の名称を記入					
	(Application No.	10/563,751	, filed	January 9, 2006),	
	一方、			and WHEREAS,	
		NTT	DoCoMo	o, Inc.	
	(以下「譲受人	 、」)は、		(hereinafter referred to as "ASSIGNEE") having	
				a place of business at:	
	11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 100-6150 Japan				
	に労業所を有し		75.7 K	is desirous of acquiring the entire right, title and	
		の領土及びあらゆる全		interest in and to said invention and in and to	
	外国において作	†与されたあらゆる特	許証	any Letters Patent that may be granted	
		この権利、権原、及び	利益	therefore in the United States and its territorial	
	を取得すること	を希望し、		possessions and in any and all foreign countries;	
	従ってここに、	受領を確認した有效	にし	NOW, THEREFORE, for good and	
	て価値ある対価	6と引き換えに、私(き	我々)	valuable consideration, the receipt whereof is	
	は、本譲渡証に	こより、合衆国及びそ	の領	hereby acknowledged, I (WE), by these	

土及び全ての外国における該発明に対す る完全で排他的な権利と、合衆国及びそ の領土及びあらゆる全ての外国において 付与されるあらゆる全ての特許証につい て及びその分割、再発行、継続、差し替 え、及び更新のあらゆる全てについての 全ての権利、権原、及び利益とを、該譲 受人に売却し、譲渡し、及び移転する。

presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

PATENT REEL: 018250 FRAME: 0835 私(我々)は、ここに、この譲渡及び売却がなされなかったならば私(我々)により保持されたであろう場合と同様に完全且つ全体的に、付与され得る存続期間の完全な最後まで、該譲受人、その(彼の)承継人及び非譲渡者による専用及び利益のために、あらゆる全ての特許証についての私(我々)の全ての権利、権原、及び利益の譲受人としての該譲受人に、合衆国及びその領土及びあらゆる全ての外国において特許庁当局が発行することを許可し及び要請する。

更に、私(我々)は私(我々)が知る該 発明に関するあらゆる事実を該譲受人又 はその(彼の)代理人に伝え、あらゆる 法的手続きにおいて証言し、法の認めた 書面に署名し、全ての分割、継続、差し 替え、更新、及び再発行出願に署名し、 全ての必要な譲渡書類に署名することで 該特許証のあらゆるもの全てが該譲受人 に発行されるようにし、正当な全ての誓 約をし、更に該譲受人、その(彼の)承 継人及び非譲渡者が合衆国及びその領土 及びあらゆる全ての外国において該発明 について適切な保護を取得し及び行使す ることを援助するために一般に可能なこ とを全て行うことを、私(我々)は同意 する。

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries

15/12/2005	<u> </u>
	Signature of Inventor) ^{免明者署名} Ken IGARASHI
15/12/2005	石田創
	Signature of Inventor)
15/12/2005	深澤晴信
	Signature of Inventor)
	Signature of Inventor) 発明者署名
	Signature of Inventor) 発明者署名

PATENT REEL: 018250 FRAME: 0836

RECORDED: 08/29/2006